

PTO/SB/17 (10-03)

Approved for use through 7/31/2006, OMB 06-1-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>FEE TRANSMITTAL for FY 2004</b>		<b>Complete if Known</b>																																																																																																																																																																															
<small>Effective 10/01/2003. Patent fees are subject to annual revision.</small>		Application Number	09/653730-Conf. #5801																																																																																																																																																																														
		Filing Date	September 1, 2000																																																																																																																																																																														
		First Named Inventor	M. Whiteley																																																																																																																																																																														
		Examiner Name	J. Hines																																																																																																																																																																														
		Art Unit	1845																																																																																																																																																																														
		Attorney Docket No.	UIZ-038RCE																																																																																																																																																																														
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27																																																																																																																																																																																	
<b>TOTAL AMOUNT OF PAYMENT</b> (\$) <b>1,720.00</b>																																																																																																																																																																																	
<b>METHOD OF PAYMENT (check all that apply)</b>		<b>FEE CALCULATION (continued)</b>																																																																																																																																																																															
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None <input checked="" type="checkbox"/> Deposit Account		<b>3. ADDITIONAL FEES</b>  <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entry Fee Code</th> <th>Large Entry Fee (\$)</th> <th>Small Entry Fee Code</th> <th>Small Entry Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1061</td><td>130</td><td>2061</td><td>66</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late provisional filing fee or oath</td><td></td></tr> <tr><td>1063</td><td>130</td><td>1063</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>For filing a request for ex parte reexamination</td><td></td></tr> <tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>1806</td><td>1,840*</td><td>1806</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>1261</td><td>110</td><td>2251</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>1262</td><td>420</td><td>2252</td><td>210</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>1263</td><td>960</td><td>2253</td><td>475</td><td>Extension for reply within third month</td><td>9,000</td></tr> <tr><td>1234</td><td>1,480</td><td>2264</td><td>740</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>1286</td><td>2,010</td><td>2255</td><td>1,005</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>1401</td><td>330</td><td>2401</td><td>165</td><td>Notice of Appeal</td><td></td></tr> <tr><td>1402</td><td>330</td><td>2402</td><td>165</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>1403</td><td>280</td><td>2403</td><td>140</td><td>Request for oral hearing</td><td></td></tr> <tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td>Petition to establish a public use processing</td><td></td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revise - unintentional</td><td></td></tr> <tr><td>1453</td><td>1,330</td><td>2453</td><td>665</td><td>Petition to revise - unintentional</td><td></td></tr> <tr><td>1501</td><td>1,330</td><td>2501</td><td>665</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>1502</td><td>480</td><td>2502</td><td>240</td><td>Design issue fee</td><td></td></tr> <tr><td>1503</td><td>640</td><td>2503</td><td>320</td><td>Plant issue fee</td><td></td></tr> <tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Processing fee under 37 CFR 1.17(e)</td><td></td></tr> <tr><td>1806</td><td>180</td><td>1806</td><td>180</td><td>Submission of information Disclosure Sheet</td><td></td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>1809</td><td>770</td><td>2809</td><td>385</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>1810</td><td>770</td><td>2810</td><td>385</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td>1801</td><td>770</td><td>2801</td><td>385</td><td>Request for Continued Examination (RCE)</td><td>7,000</td></tr> <tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> </tbody> </table>		Large Entry Fee Code	Large Entry Fee (\$)	Small Entry Fee Code	Small Entry Fee (\$)	Fee Description	Fee Paid	1061	130	2061	66	Surcharge - late filing fee or oath		1052	50	2052	25	Surcharge - late provisional filing fee or oath		1063	130	1063	130	Non-English specification		1812	2,520	1812	2,520	For filing a request for ex parte reexamination		1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action		1806	1,840*	1806	1,840*	Requesting publication of SIR after Examiner action		1261	110	2251	55	Extension for reply within first month		1262	420	2252	210	Extension for reply within second month		1263	960	2253	475	Extension for reply within third month	9,000	1234	1,480	2264	740	Extension for reply within fourth month		1286	2,010	2255	1,005	Extension for reply within fifth month		1401	330	2401	165	Notice of Appeal		1402	330	2402	165	Filing a brief in support of an appeal		1403	280	2403	140	Request for oral hearing		1451	1,510	1451	1,510	Petition to establish a public use processing		1452	110	2452	55	Petition to revise - unintentional		1453	1,330	2453	665	Petition to revise - unintentional		1501	1,330	2501	665	Utility issue fee (or reissue)		1502	480	2502	240	Design issue fee		1503	640	2503	320	Plant issue fee		1460	130	1460	130	Petitions to the Commissioner		1807	50	1807	50	Processing fee under 37 CFR 1.17(e)		1806	180	1806	180	Submission of information Disclosure Sheet		8021	40	8021	40	Recording each patent assignment per property (times number of properties)		1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))		1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))		1801	770	2801	385	Request for Continued Examination (RCE)	7,000	1802	900	1802	900	Request for expedited examination of a design application	
Large Entry Fee Code	Large Entry Fee (\$)			Small Entry Fee Code	Small Entry Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																										
1061	130			2061	66	Surcharge - late filing fee or oath																																																																																																																																																																											
1052	50			2052	25	Surcharge - late provisional filing fee or oath																																																																																																																																																																											
1063	130	1063	130	Non-English specification																																																																																																																																																																													
1812	2,520	1812	2,520	For filing a request for ex parte reexamination																																																																																																																																																																													
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																													
1806	1,840*	1806	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																													
1261	110	2251	55	Extension for reply within first month																																																																																																																																																																													
1262	420	2252	210	Extension for reply within second month																																																																																																																																																																													
1263	960	2253	475	Extension for reply within third month	9,000																																																																																																																																																																												
1234	1,480	2264	740	Extension for reply within fourth month																																																																																																																																																																													
1286	2,010	2255	1,005	Extension for reply within fifth month																																																																																																																																																																													
1401	330	2401	165	Notice of Appeal																																																																																																																																																																													
1402	330	2402	165	Filing a brief in support of an appeal																																																																																																																																																																													
1403	280	2403	140	Request for oral hearing																																																																																																																																																																													
1451	1,510	1451	1,510	Petition to establish a public use processing																																																																																																																																																																													
1452	110	2452	55	Petition to revise - unintentional																																																																																																																																																																													
1453	1,330	2453	665	Petition to revise - unintentional																																																																																																																																																																													
1501	1,330	2501	665	Utility issue fee (or reissue)																																																																																																																																																																													
1502	480	2502	240	Design issue fee																																																																																																																																																																													
1503	640	2503	320	Plant issue fee																																																																																																																																																																													
1460	130	1460	130	Petitions to the Commissioner																																																																																																																																																																													
1807	50	1807	50	Processing fee under 37 CFR 1.17(e)																																																																																																																																																																													
1806	180	1806	180	Submission of information Disclosure Sheet																																																																																																																																																																													
8021	40	8021	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																													
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																																													
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																													
1801	770	2801	385	Request for Continued Examination (RCE)	7,000																																																																																																																																																																												
1802	900	1802	900	Request for expedited examination of a design application																																																																																																																																																																													
<b>1. BASIC FILING FEE</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entry Fee Code</th> <th>Large Entry Fee (\$)</th> <th>Small Entry Fee Code</th> <th>Small Entry Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1001</td><td>770</td><td>2001</td><td>385</td><td>Utility filing fee</td><td></td></tr> <tr><td>1002</td><td>340</td><td>2002</td><td>170</td><td>Design filing fee</td><td></td></tr> <tr><td>1003</td><td>530</td><td>2003</td><td>265</td><td>Plant filing fee</td><td></td></tr> <tr><td>1004</td><td>770</td><td>2004</td><td>385</td><td>Reissue filing fee</td><td></td></tr> <tr><td>1006</td><td>180</td><td>2006</td><td>90</td><td>Provisional filing fee</td><td></td></tr> </tbody> </table>		Large Entry Fee Code	Large Entry Fee (\$)	Small Entry Fee Code	Small Entry Fee (\$)	Fee Description	Fee Paid	1001	770	2001	385	Utility filing fee		1002	340	2002	170	Design filing fee		1003	530	2003	265	Plant filing fee		1004	770	2004	385	Reissue filing fee		1006	180	2006	90	Provisional filing fee																																																																																																																																													
Large Entry Fee Code	Large Entry Fee (\$)	Small Entry Fee Code	Small Entry Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																												
1001	770	2001	385	Utility filing fee																																																																																																																																																																													
1002	340	2002	170	Design filing fee																																																																																																																																																																													
1003	530	2003	265	Plant filing fee																																																																																																																																																																													
1004	770	2004	385	Reissue filing fee																																																																																																																																																																													
1006	180	2006	90	Provisional filing fee																																																																																																																																																																													
<b>2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entry Fee Code</th> <th>Large Entry Fee (\$)</th> <th>Small Entry Fee Code</th> <th>Small Entry Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1202</td><td>18</td><td>2202</td><td>9</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>1201</td><td>86</td><td>2201</td><td>43</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>1203</td><td>290</td><td>2203</td><td>145</td><td>Multiple dependent claims, if not paid</td><td></td></tr> <tr><td>1204</td><td>86</td><td>2204</td><td>43</td><td>** Reissue independent claims over original patent</td><td></td></tr> <tr><td>1206</td><td>18</td><td>2206</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td><td></td></tr> </tbody> </table>		Large Entry Fee Code	Large Entry Fee (\$)	Small Entry Fee Code	Small Entry Fee (\$)	Fee Description	Fee Paid	1202	18	2202	9	Claims in excess of 20		1201	86	2201	43	Independent claims in excess of 3		1203	290	2203	145	Multiple dependent claims, if not paid		1204	86	2204	43	** Reissue independent claims over original patent		1206	18	2206	9	** Reissue claims in excess of 20 and over original patent																																																																																																																																													
Large Entry Fee Code	Large Entry Fee (\$)	Small Entry Fee Code	Small Entry Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																												
1202	18	2202	9	Claims in excess of 20																																																																																																																																																																													
1201	86	2201	43	Independent claims in excess of 3																																																																																																																																																																													
1203	290	2203	145	Multiple dependent claims, if not paid																																																																																																																																																																													
1204	86	2204	43	** Reissue independent claims over original patent																																																																																																																																																																													
1206	18	2206	9	** Reissue claims in excess of 20 and over original patent																																																																																																																																																																													
<b>SUBTOTAL (1)</b> (\$) <b>0.00</b>																																																																																																																																																																																	
<b>SUBTOTAL (2)</b> (\$) <b>0.00</b>																																																																																																																																																																																	
<b>SUBTOTAL (3)</b> (\$) <b>1,720.00</b>																																																																																																																																																																																	
<b>SUBMITTED BY</b> Name (Print/Type) <b>DeAnn F. Smith</b> Registration No. <b>36,683</b> Signature <i>DeAnn F. Smith</i> Date <b>December 3, 2003</b>		Telephone <b>(617) 227-7400</b> Date <b>December 3, 2003</b>																																																																																																																																																																															

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no. (703) 72-9306, on the date shown below.

Dated, December 3, 2003

Signature

*DeAnn F. Smith*

(DeAnn F. Smith)

PTO/SB/22 (08-03)

Approved for use through 7/31/2008. OMB 06-1-0081

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a)</b>		Docket No. (Optional) <b>UIZ-038RCE</b>
In re Application of <b>M. Whiteley, et al.</b>		
Application Number <b>09/053730-Conf. #5801</b>	Filed <b>September 1, 2000</b>	
For: <b>QUORUM SENSING SIGNALING IN BACTERIA</b>		
Art Unit <b>1845</b>	Examiner <b>J. Hines</b>	

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a reply in the above identified application.

The requested extension and appropriate non-small-entity fee are as follows (check time period desired):

<input type="checkbox"/> One month (37 CFR 1.17(a)(1))	\$ _____
<input type="checkbox"/> Two months (37 CFR 1.17(a)(2))	\$ _____
<input checked="" type="checkbox"/> Three months (37 CFR 1.17(a)(3))	\$ <b>960.00</b>
<input type="checkbox"/> Four months (37 CFR 1.17(a)(4))	\$ _____
<input type="checkbox"/> Five months (37 CFR 1.17(a)(5))	\$ _____

☐ Applicant claims small entity status. See 37 CFR 1.27. Therefore, the fee amount shown above is reduced by one-half, and the resulting fee is: \$ \_\_\_\_\_

☐ A check in the amount of the fee is enclosed.

☐ Payment by credit card. Form PTO-2038 is attached.

☒ The Director has already been authorized to charge fees in this application to a Deposit Account.

☒ The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number **12-0080**

I have enclosed a duplicate copy of this sheet.

I am the ☐ applicant/inventor.


☐ assignee of record of the entire interest. See 37 CFR 3.71  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/06).

☐ attorney or agent of record. Registration Number \_\_\_\_\_

☒ attorney or agent under 37 CFR 1.34(a).  
Registration number if acting under 37 CFR 1.34(a) **36,683**

December 3, 2003  
Date

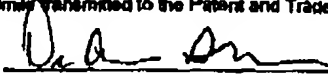
(617) 227-7400  
Telephone Number

  
Signature

**DeAnn F. Smith**  
Typed or printed name

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☐ Total of 1 forms are submitted

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no. (703) 872-9300, on the date shown below	
Dated: <b>December 3, 2003</b>	Signature:  (DeAnn F. Smith)